

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 448 | (702/127).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:17 |
| S2 | 31 | ((("4,214,481") or ("4,262,536") or ("4,310,892") or ("5,267,110") or ("5,319,509") or ("5404,636") or ("5444,583") or ("5835,302") or ("5854,721") or ("5867,348") or ("6225,799") or ("6324,890") or ("6344,942") or ("6453,722") or ("6,563,661"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/02 10:23 |
| S3 | 2 | "20010038508" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/02 10:33 |
| S4 | 22 | (S1 or S2 or S3) and gravity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:19 |
| S5 | 2 | (S1 or S2 or S3) and gravitation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/02 10:37 |
| S6 | 42 | actuator same (balanc\$3 or unbalance or imbalance) and (center or vector) near4 (gravity or gravitation\$2) with coordinate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 14:26 |
| S7 | 605 | (actuator or mass or load) same (balanc\$3 or unbalance or imbalance) same ((center or vector) near4 (gravity or gravitation\$2) or x near6 y) with (coordinate or component) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:15 |
| S8 | 605 | (actuator or mass or load) same (balanc\$3 or unbalance or imbalance) same ((center or vector) near4 (gravity or gravitation\$2) or x near6 y) with (coordinate or component) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/11 12:21 |

EAST Search History

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| S9 | 86 | S8 and (first with (x near8 y or coordinate) same second with (x near8 y or coordinate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 14:02 |
| S10 | 22 | S9 and (center or vector) near4 (gravity or gravitation\$2) with coordinate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 14:26 |
| S11 | 42 | S9 and (center or vector) near4 (gravity or gravitation\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 14:33 |
| S12 | 33 | S9 and (center or vector) near4 (gravity or gravitation\$2) with (x near8 y or coordinate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 15:07 |
| S13 | 16 | ("5208497" "5477304" "5537186" "5815246" "5959427" "5982128" "6028376" "6246204" "6252370" "6255795" "6255796" "6262796" "6323935" "6329780" "6337484" "6525803").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/08 14:48 |
| S14 | 5 | S13 and (center or vector) near4 (gravity or gravitation\$2) with (x near8 y or coordinate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/08 14:49 |
| S15 | 0 | ("7034920").URPN. | USPAT | OR | OFF | 2007/06/08 14:58 |
| S16 | 4 | (center or vector) near4 (gravity or gravitation\$2) with (x near8 y) with coordinate near3 systems | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 15:11 |
| S17 | 25 | (center or vector) near4 (gravity or gravitation\$2) with coordinate near3 systems | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/11 15:39 |
| S18 | 4588 | (center or vector) near4 (gravity or gravitation\$2) with (coordinate or (x near9 y)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/11 12:20 |

EAST Search History

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| S19 | 494 | S18 and (actuator or mass or load) same (balanc\$3 or unbalance or imbalance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/11 12:22 |
| S20 | 109 | S18 same (actuator or mass or load) same (balanc\$3 or unbalance or imbalance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/11 14:11 |
| S21 | 0 | ("00422.3").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/11 14:11 |
| S22 | 248 | (84/422.3).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/11 14:11 |
| S23 | 134 | (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 (center or vector) near4 (gravity or gravitation\$2) with coordinate near8 systems | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/11 16:08 |
| S24 | 136 | (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 (center or vector) near4 (gravity or gravitation\$2) with (coordinate or x with y) near8 systems | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 10:23 |
| S27 | 0 | ("6053033").URPN. | USPAT | OR | OFF | 2007/06/12 10:04 |
| S28 | 1 | ("4428225").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 10:04 |
| S29 | 5 | ("4428225").URPN. | USPAT | OR | OFF | 2007/06/12 10:10 |
| S30 | 255 | center near4 mass with (coordinate near4 system) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 10:12 |
| S31 | 40 | (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 (center) near4 (mass) with (coordinate or x with y) near8 systems | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 10:31 |

EAST Search History

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| S32 | 108 | (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 (center) near4 (gravity) with (coordinate or x with y) near8 systems | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:13 |
| S33 | 37 | ("20020133174" "20030033024" "20030045888" "20030050733" "4837734" "5187796" "5297149" "5515478" "5524180" "5553198" "5645520" "5649956" "5657429" "5754741" "5762458" "5815640" "5841950" "5847359" "5855583" "5878193" "5907664" "5911036" "5971976" "5986651" "6001108" "6007550" "6063095" "6102850" "6132441" "6202004" "6244809" "6304050" "6309397" "6436107" "6463361" "6496099" "6699177").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 10:37 |
| S34 | 0 | S32 and S33 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 10:38 |
| S35 | 0 | S30 and S33 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 10:38 |
| S36 | 0 | ("7164968").URPN. | USPAT | OR | OFF | 2007/06/12 12:20 |
| S37 | 2930 | voice near3 coil near3 motor with current | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 12:22 |
| S38 | 33 | S37 and (actuator or mass or load) same (balanc\$3 or unbalance or imbalance) with current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 14:58 |
| S39 | 0 | center near4 (imbalance or unbalance) with coordinate near4 systems | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 14:59 |
| S40 | 0 | center near4 (imbalance or unbalance) with coordinate near4 system | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 14:59 |

EAST Search History

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| S41 | 0 | center near4 (imbalance or unbalance) with coordinate near4 system | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 15:02 |
| S42 | 3 | center near4 (imbalance or unbalance) with coordinate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 15:01 |
| S43 | 1549 | center near4 (imbalance or unbalance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 15:01 |
| S44 | 11 | center near4 (imbalance or unbalance) same coordinate near4 system | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 15:03 |
| S45 | 12 | center near4 (imbalance or unbalance) with x with y | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 15:03 |
| S46 | 371 | (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 (center) near4 (gravity) with plane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:40 |
| S47 | 67 | S46 and (actuator or mass or load) same (balanc\$3 or unbalance or imbalance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 15:05 |
| S48 | 10 | multiply\$3 near4 mass with actuator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 15:14 |
| S49 | 8 | actuator same (unbalance or imbalance) with center near4 (gravity or gravitation\$2) with mass | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 15:30 |

EAST Search History

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| S50 | 3 | (unbalance or imbalance) with center near4 (gravity or gravitation\$2) with mass with multiply\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:20 |
| S51 | 1164 | (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 center near4 (gravity or mass) with (coordinate or x with y) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:18 |
| S52 | 24855 | actuator same disc with drive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:15 |
| S53 | 9 | S51 and S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:16 |
| S54 | 89 | S52 and (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 center near4 (gravity or mass) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:19 |
| S55 | 47 | (unbalance or imbalance) and S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:41 |
| S56 | 36 | (unbalance or imbalance) same actuator and (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 center near4 (gravity or mass or gravitation\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 17:51 |
| S57 | 453 | actuator same (disc or drive) and (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 center near4 (gravity or mass or gravitation\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 22:34 |
| S58 | 453 | actuator same (disc or drive) and (calculat\$3 or comput\$3 or determin\$3 or estimat\$3 or produc\$3) near4 center near4 (gravity or mass or gravitation\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/12 22:36 |

EAST Search History

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| S59 | 2 | "20010038508" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 13:18 |
| S60 | 7708 | 360/75.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:18 |
| S61 | 106 | S60 and gravity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:19 |